

Chemoselective Polymers and Functionalized Gold Nanoclusters

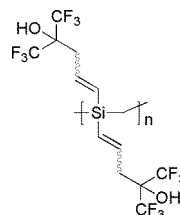
For Absorbent Chemical Sensor Applications

Features:

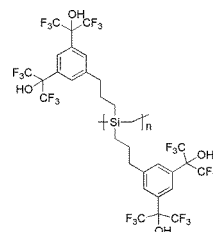
- **Readily soluble in common organic solvents**
- **High functional group density**
- **High thermal and chemical stability**
- **Stable interface with most substrates**
- **Reversible target analyte binding**
- **High viscosity liquids**

Fluoroalcohol Polycarbosilanes (Hyperbranched)

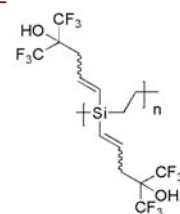
SC-F101

(HC)		SC-F101-1	100 mg
		SC-F101-2	250 mg
		SC-F101-3	500 mg

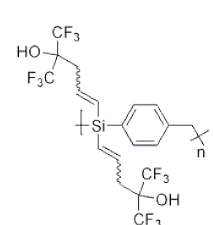
SC-F105

		SC-F105-1	100 mg
		SC-F105-2	250 mg
		SC-F105-3	500 mg

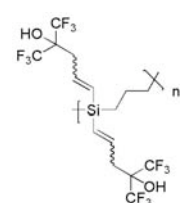
SC-F102

		SC-F102-1	100 mg
		SC-F102-2	250 mg
		SC-F102-3	500 mg

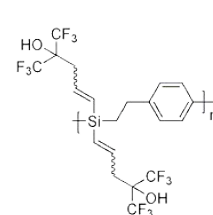
SC-F106

		SC-F106-1	100 mg
		SC-F106-2	250 mg
		SC-F106-3	500 mg

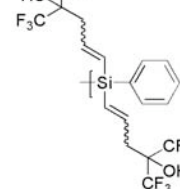
SC-F103

		SC-F103-1	100 mg
		SC-F103-2	250 mg
		SC-F103-3	500 mg

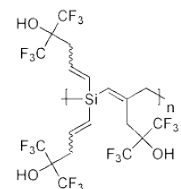
SC-F107

		SC-F107-1	100 mg
		SC-F107-2	250 mg
		SC-F107-3	500 mg

SC-F104

		SC-F104-1	100 mg
		SC-F104-2	250 mg
		SC-F104-3	500 mg

SC-F108

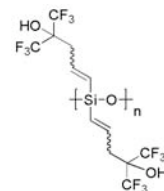
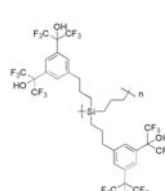
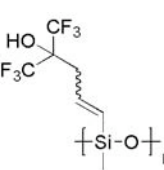
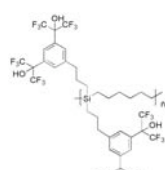
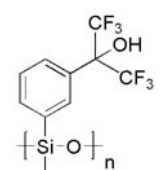
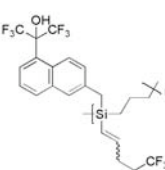
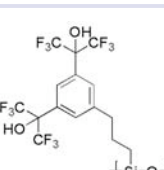
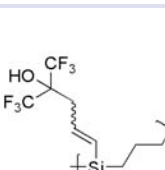
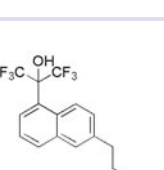
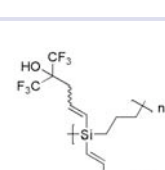
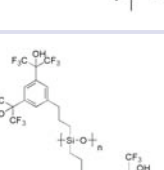
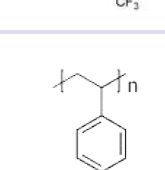
		SC-F108-1	100 mg
		SC-F108-2	250 mg
		SC-F108-3	500 mg

These polymers are licensed under U.S. Patent No. NRL-LIC-05-13-179 issued to the United States of America, as represented by the Secretary of the Navy for the absorption of chemical analytes leading to detection and identification of such chemical analytes.

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www.seacoastscience.com

Fluoroalcohol Polysiloxanes				Fluoroalcohol Polycarbosilanes (Linear)			
SC-F201 (Adiol)		SC-F201-1 SC-F201-2 SC-F201-3	100 mg 250 mg 500 mg	SC-F301		SC-F301-1 SC-F301-2 SC-F301-3	100 mg 250 mg 500 mg
SC-F202 (SXFA)		SC-F202-1 SC-F202-2 SC-F202-3	100 mg 250 mg 500 mg	SC-F302		SC-F302-1 SC-F302-2 SC-F302-3	100 mg 250 mg 500 mg
SC-F203		SC-F203-1 SC-F203-2 SC-F203-3	100 mg 250 mg 500 mg	SC-F303		SC-F303-1 SC-F303-2 SC-F303-3	100 mg 250 mg 500 mg
SC-F204		SC-F204-1 SC-F204-2 SC-F204-3	100 mg 250 mg 500 mg	SC-F304		SC-F304-1 SC-F304-2 SC-F304-3	100 mg 250 mg 500 mg
SC-F205		SC-F205-1 SC-F205-2 SC-F205-3	100 mg 250 mg 500 mg	SC-F305		SC-F305-1 SC-F305-2 SC-F305-3	100 mg 250 mg 500 mg
SC-F206		SC-F206-1 SC-F206-2 SC-F206-3	100 mg 250 mg 500 mg	SC-S501 (P4V)		SC-S501-1 SC-S501-2 SC-S501-3	100 mg 250 mg 500 mg

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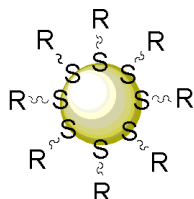
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Functionalized Gold Nanoclusters

SC-G401

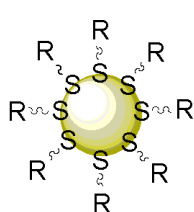


Au-C12-H

R=(n-C₁₂H₂₅)

SC-G401-1 100 mg
SC-G401-2 250 mg
SC-G401-3 500 mg

SC-G402

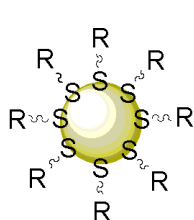


Au-C6-OH

R=HO(n-C₆H₁₂)

SC-G402-1 100 mg
SC-G402-2 250 mg
SC-G402-3 500 mg

SC-G403

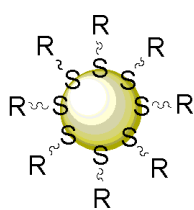


Au-C10-HFA

R= HOC(CF₃)₂(n-C₁₀H₁₈)

SC-G403-1 100 mg
SC-G403-2 250 mg
SC-G403-3 500 mg

SC-G404

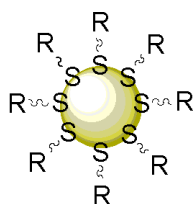


Au-C11-COOH

R=HOOC(n-C₁₁H₂₂)

SC-G404-1 100 mg
SC-G404-2 250 mg
SC-G404-3 500 mg

SC-G405



Au-C2-nBuEster

R=nBuEster-C₂H₄

SC-G405-1 100 mg
SC-G405-2 250 mg
SC-G405-3 500 mg